Serial Number: 10/750,222 Filing Date: December 31, 2003

Title: PRINCIPAL COMPONENT ANALYSIS BASED FAULT CLASSIFICATION

## REMARKS

This responds to the Office Action mailed on April 16, 2008.

Claims 4, 7, 10, 19 and 23 are amended, claims 1-3, 6, 8-9, 15-18, 21-22, and 28-33 are canceled, and no claims are added; as a result, claims 4-5, 7, 10-14, 19-20, and 23-27 are now pending and subject to examination in this application.

## §102 Rejection of the Claims

Claims 1-3, 6, 8-9, 15-18, 21-22, 28 and 30-33 were rejected under 35 U.S.C. § 102(e) as being anticipated by Rose-Pehrsson et al. (USPN 7,034,701).

## Allowable Subject Matter

Claims 4-5, 7, 10-14, 19-20 and 23-27 were objected to as being dependent upon a rejected base claim, but were indicated to be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The Applicant has amended the application by rewriting claims 4-5, 7, 10-14, 19-20, and 23-27 in independent form including all of the limitations of the base claim and any intervening claims.

The Applicant has canceled the remaining claims that were not indicated as having allowable subject matter.

The Applicant respectfully submits that the claims are now in a condition for allowance, and respectfully requests a notice to that effect.

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## CONCLUSION

Applicant respectfully submits that the claims are in condition for allowance and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's attorney (612) 371-2140 to facilitate prosecution of this application.

If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

Respectfully submitted,

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Date Jy 9 2008

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Reg. Xo. 36,776

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being filed using the USPTO's electronic filing system EFS-Web, and is addressed to: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 422 day of July

2008. Dawn M. Poole

Signature

Name